

Name: _____

ml1112paper: Solve by factoring (v3)

1. Solve the equation

$$x^2 + x - 56 = 0$$

2. Solve the equation

$$x^2 + 16x + 64 = 0$$

3. Solve the equation

$$3x^2 + 26x + 80 = 2x^2 + 9x + 8$$

4. Solve the equation

$$8x^2 + 5x - 46 = 7x^2 + 6x - 4$$

5. Solve the equation

$$11x^2 + 108x + 81 = 0$$

6. Solve the equation

$$7x^2 - 17x - 12 = 0$$

7. Solve the equation

$$9x^2 - 17x - 4 = 6x^2 - 3x + 1$$

8. Solve the equation

$$7x^2 - 45x - 37 = 2x^2 - 9x - 5$$